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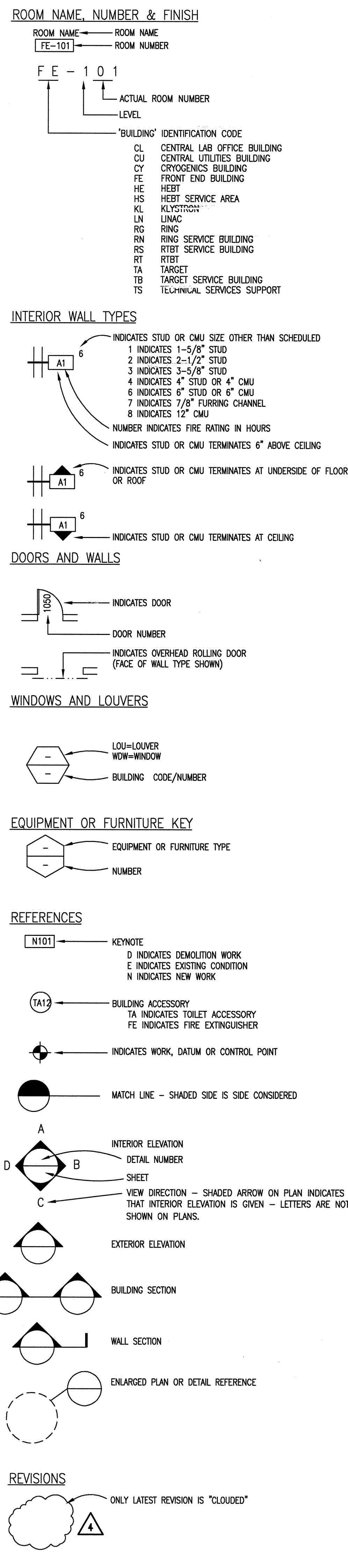
D. ARCHITECTURAL MATERIAL SYMBOLS

	WOOD, CONTINUOUS
	WOOD, FINISHED
	WOOD, BLOCKING OR SHIM
	METAL
	ALUMINUM
	GLASS, ELEVATION
	GLASS, SMALL SCALE
	GLASS, LARGE SCALE
	BRICK
	CMU
	CONCRETE
	WATERPROOF MEMBRANE, VAPOR BARRIER, ETC.
	RIGID INSULATION, BOARD
	EARTH, UNDISTURBED
	EARTH, COMPACTED
	SAND/GROUT AND CEMENT PLASTER IN ELEVATION AND REFLECTED CLG.
	GYPSUM BOARD IN ELEVATION AND REFLECTED CEILING
	GYPSUM BOARD
	PLYWOOD
	A.C. TILE
	BATT INSULATION
	INSULATED METAL PANEL SYSTEM
	GRAVEL OR ROCK
	CARPET
	FLOWABLE FILL
	CLAY LAYER

C. ARCHITECTURAL ABBREVIATIONS

AB	ANCHOR BOLT	(L)	LENGTH
AC	ACROUS	LAB	LABORATORY
ACP	ACOUSTICAL CEILING PLASTER	LAM	LAMINATE
ACT	ACOUSTICAL CEILING TILE	LAV	LAVATORY
AD	AREA DRAIN	LB or #	POUND
ADJ	ADJUSTABLE	LKR	LOCKER
AFT	ABOVE FINISH FLOOR	LP	LOW POINT
AGG	AGGREGATE	LT	LIGHT
AJS	ARCHITECTURAL JOINT SYSTEM	MAX	MAXIMUM
ALUM	ALUMINUM	MECH	MECHANICAL
AND	AND	MFR	MANUFACTURER
AP	ACCESS PANEL	MH	MANHOLE
APPROX	APPROXIMATELY	MIN	MINIMUM
ARCH	ARCHITECTURAL	MIR	MIRROR
		MISC	MISCELLANEOUS
		MO	MASONRY OPENING
		MPFL	MAXIMUM POSSIBLE FIRE LOSS
		MTD	MOUNTED
		MTL	METAL
		MULL	MULLION
		MWO	MICROWAVE OVEN
BD	BOARD	(N)	NEW
BLDG	BUILDING	NFPA	NATIONAL FIRE PROTECTION ASSOC.
BLK	BLOCK	NC	NOT IN CONTRACT
BM	BEAM	NO. or #	NUMBER
BO	BOTTOM OF	NOM	NOMINAL
BOS	BOTTOM OF STEEL	NTS	NOT TO SCALE
BUR	BUILT-UP ROOFING		
CAB	CABINET	O/	OVER
CB	CATCH BASIN	OA	OVER ALL
CCIV	CLOSED CIRCUIT TELEVISION	OFF	OFFICE
CD	CEMENT	OC	ON CENTER
CER	CERAMIC	OD	OUTSIDE DIAMETER or
CI	CAST IRON	OPCI	OVERFLOW DRAIN
CL	CAST IN PLACE	OP	OWNER PROVIDED
CLD	CONTROL JOINT	OPNG	CONTRACTOR INSTALLED
CLG	CEILING	OPN	OWNER PROVIDED, OWNER
CLKG	CAULKING	OPP	INSTALLED
CLOS	CLOSET		OPPOSITE
CLR	CLEAR		
CMU	CONCRETE MASONRY UNIT	PV	POST INDICATOR VALVE
CO	CLEAN OUT	PL	PLATE
COL	COLUMN	P. LAM	PLASTIC LAMINATE
COMM	COMMUNICATION	PLAS	PLASTIC
CONC	CONCRETE	PLYD	PLYWOOD
CONN	CONNECTION	PR	PAIR
CONST	CONSTRUCTION	PRCST	PRECAST
CONT	CONTINUOUS	PT	POINT OF
CORR	CORRIDOR	PTN	PARTITION
CT	CERAMIC TILE	PVG	PAVING
CTSK	COUNTERSUNK		
CTR	CENTER	QT	QUARRY TILE
(D)	DEMOLISH	(R)	REMOVE
DGL	DOUBLE	(REL)	RELOCATE
DEPT	DEPARTMENT	R	RISER
DET	DETAIL	RAD	RADIUS
DI	DIAMETER	RAF	RAISED ACCESS FLOORING
DI or #	DIAMETER	REF	REFERENCE
DIM	DIMENSION	REFR	REFRIGERATOR
DISP	DISPENSER	REGD	REGISTER
DN	DOWN	REIN	REINFORCED
DO	DOOR	RESL	RESILIENT
DOOR	DOOR	RET	RETAINING
DS	DOWNSPOUT	RM	ROOM
DSP	DRY STANDPIPE	RO	ROUGH OPENING
DW	DRAIN	RWL	RAIN WATER LEADER
DWG	DRAWING		
DWR	DRAWER		
(E)	EXISTING	S	SOUTH
E	EAST	SBC	STANDARD BUILDING CODE
EA	EACH	SC	SOLID CORE
EFS	EXTERIOR INSULATED FINISH SYSTEM	SCD	SEE CHIL DRAWINGS
EJ	EXPANSION JOINT	SCHED	SCHEDULE
EL	ELEVATION	SECT	SECTION
ELEC	ELECTRICAL	SECT	SEE ELECTRICAL DRAWINGS.
ELEV	ELEVATOR	SF	SQUARE FEET
EMER	EMERGENCY	SH	SHEET
ENCL	ENCLOSED	SK	SINK
EP	ELECTRIC PANELBOARD	SMD	SEE MECHANICAL DRAWINGS.
EPS	EXPANDED POLYSTYRENE	SMS	SHEET METAL SCREW
EQ	EQUAL	SPC	SPECIFICATION
EQUIP	EQUIPMENT	SPD	SEE PLUMBING DRAWINGS
ENC	ELECTRIC WATER COOLER	SS	SQUARE
EXIST	EXISTING	SSD	SEE STRUCTURAL DRAWINGS
EXP	EXPANSION	SSK	SERVICE SINK
EXPO	EXPOSED	STA	STATION
EXT	EXTERIOR	STD	STANDARD
		STL	STEEL
FA	FIRE ALARM	STOR	STORAGE
FC	FIRE CONNECTION	STRUC	STRUCTURAL
FD	FLOOR DRAIN	SUSP	SUSPENDED
FDC	FIRE DEPT. CONN.	SYM	SYMMETRICAL
FDN	FOUNDATION		
FE	FIRE EXTINGUISHER	T	TREAD
FEC	FIRE EXTINGUISHER CABINET	T&G	TONGUE & GROOVE
FT	FINISHED FLOOR	TA	TOILET ACCESSORY
FH	FIRE HYDRANT	TC	TOP OF CURB
FHC	FIRE HOSE CONNECTION	TEL	TELEPHONE
FIN	FINISH	TERR	TERRAZZO
FJ	FLOOR JOIST	THK	THICK
FLSH	FLASHING	TOL	TOILET
FLR	FLOOR	T.O.	TOP OF
FLUOR	FLUORESCENT	TOP	TOP OF PARAPET
FM	FACTORY MUTUAL	TOS	TOP OF STEEL
FO	FACE OF	TOW	TOP OF WALL
FOC	FACE OF CONCRETE	TPS	TARGET PROTECTION SYSTEM
FOF	FACE OF FINISH	TYP	TYPICAL
FOM	FACE OF MASONRY		
FOS	FACE OF STUD	UBC	UNIFORM BUILDING CODE
FR	FIRE-RESISTIVE	UL	UNDERWRITERS LABORATORY
FRP	FIBERGLASS REINFORCED PLASTIC	ULPA	ULTRA-LOW PARTICULATE
FRPF	FIREPROOF	UNFIN	UNFINISHED
FRPL	FIREPLACE	ULPA	ULTRA-LOW PARTICULATE
FS	FLOOR SINK	UON	UNLESS OTHERWISE NOTED
FT	FOOT	VCT	VINYL COMPOSITION TILE
FUT	FUTURE	VERT	VERTICAL
		VF	VERIFY IN FIELD
GA	GALVANIZED	(W)	WIDTH
GB	GRAB BAR	W/	WITH
GFR	GLASS FIBER REINFORCED CONCRETE	W/O	WITHOUT
GFRG	GLASS FIBER REINFORCED GYPSUM	WC	WATER CLOSET
GL	GLASS	WO	WOOD
GND	GROUND	WDW	WINDOW
GR	GRADE	WP	WATERPROOF
QWB	GYPSUM WALL BOARD	WR	WATER RESISTANT
GYP	GYPSUM	WSCOT	WAINSCOT
		WT	WEIGHT
HB	HOSE BIBB		
HC	HOLLOW CORE		
HCP	HANDICAPPED		
HDWR	HARDWARE		
HEPA	HIGH EFFICIENCY PARTICULATE		
HM	AIR (FILTER)		
HP	HOLLOW METAL		
HPC	HIGH POINT		
HORIZ	HIGH PERFORMANCE COATING		
HR	HORIZONTAL		
HT	HEIGHT		
ID	INSIDE DIAMETER		
INSUL	INSULATION		
INT	INTERIOR		
JAN	JANITOR		
JO	JOIST		
JT	JOINT		

B. ARCHITECTURAL SYMBOLS



A. ARCH. GENERAL NOTES

- CONDITIONS THAT ARE NOT DETAILLED SHALL BE ASSUMED TO BE SIMILAR IN CHARACTER TO THOSE WHICH ARE. WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER PRIOR TO PROCEEDING WITH THE WORK.
- ALL WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE. SCALED DIMENSIONS TAKEN BY THE SUB-CONTRACTOR WITHOUT CONSULTING THE ARCHITECT/ENGINEER, ARE USED AT HIS OWN RISK. ANY CONFLICT WITH OTHER PARTS OF THE PROJECT AS RESULT OF SUB-CONTRACTOR SCALED DIMENSIONS WILL BE CORRECTED AT CONTRACTORS SOLE EXPENSE.
- DIMENSIONS ARE TAKEN TO FACE OF FINISH, FACE OF CONCRETE, OR FACE OF MASONRY, UNLESS OTHERWISE NOTED.
- WHERE REQUIRED FOR FIRE RESISTIVE CONSTRUCTION, ALL WOOD TRIM, SPACERS, FILLERS, BLOCKING, ETC. SHALL BE FIRE TREATED.
- ALL PIPES, DUCTS AND CONDUITS THAT PENETRATE FLOOR SLABS AND/OR RATED WALLS, SHALL BE INSTALLED IN A MANNER THAT WILL PRESERVE THE FIRE RESISTANCE AND STRUCTURAL INTEGRITY OF THE BUILDING.
- EACH SUB-CONTRACTOR SHALL COORDINATE PLACEMENT OF THEIR CEILING ELEMENTS WITH OTHER SUB-CONTRACTORS. WHERE DISCREPANCIES EXIST BETWEEN DRAWINGS AND INSTALLATION, THE SUB-CONTRACTOR SHALL CONSULT THE CONSTRUCTION MANAGER PRIOR TO PROCEEDING WITH THE WORK.
- THE DRAWINGS DO NOT SHOW ALL REQUIRED ACCESS PANELS. THE SUB-CONTRACTOR SHALL CONSULT WITH ALL SUB-CONTRACTORS AND SUBMIT DRAWINGS SHOWING ALL REQUIRED ACCESS PANELS AND INDICATING BOTH SIZE AND TYPE.
- THE SUB-CONTRACTOR AS DEEMED BY THE CONSTRUCTION MANAGER SHALL PROVIDE AND INSTALL ALL STIFFENERS, BRACKETS, BACK-UP PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL TOILET ROOM ACCESSORIES AND PARTITIONS, AND ALL WALL MOUNTED AND SUSPENDED MECHANICAL, ELECTRICAL AND MISCELLANEOUS EQUIPMENT.
- ON CONTINUOUS WALL SURFACES INVOLVING MORE THAN ONE MATERIAL, FINISH OR MATERIAL THICKNESS TO ALIGN WITH FACE OF ADJACENT SURFACE, UNLESS OTHERWISE NOTED.
- CONCRETE EQUIPMENT PADS AS SHOWN ON ARCHITECTURAL DRAWINGS ARE SHOWN TO ACCEPT EQUIPMENT FROM MANUFACTURERS AS SPECIFIED. SUB-CONTRACTOR TO FURTHER VERIFY SIZE AND LOCATION UPON RECEIPT OF APPROVED EQUIPMENT SHOP DRAWINGS. IN THE EVENT OF ACCEPTED SUBSTITUTIONS, SUB-CONTRACTOR TO SUBMIT REVERSED EQUIP PAD SIZE AND LOCATION, AND TO COORDINATE ALL ITEMS AFFECTED BY THE ACCEPTED SUBSTITUTION.

NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE, OR FOR DAMAGES RESULTING FROM THE USE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BIDDERS ARE NOT TO BE USED FOR OTHER PURPOSES AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

NUMBER OF SECTION OR DETAIL

DRAWING ON WHICH SECTION OR DETAIL IS SHOWN OR TAKEN

SECTION AND DETAIL KEY

THIS DOCUMENT CONTROLLED BY

CHANGE CONTROL SYSTEM

ENGINEERING PROCEDURE SNS-ENG-0001

REV	DATE	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
6	-	4	-	CERTIFIED FOR CONSTRUCTION - 12/20/01 (CLG)		TW	TW																				
5	-	4	-	BASIS OF AWARD - 11/30/2001		TW	TW																				
4	-	4	-	BASIS OF AWARD - 10/30/2001		TW	TW																				
3	-	4	-	CERTIFIED FOR CONSTRUCTION - 10/26/2001		TW	TW																				
2	C	4	8	BASIS OF AWARD - 10/3/2001 + DCN 14-08		TW	TW	CLG	11/13/01	RAD	11/13/01		JRL	11/13/01	RLB	102104	12/20/2001	SC	AW	BS	RL	BS	BJ	-	BS	-	WS
1	-	4	-	CERTIFIED FOR CONSTRUCTION - JUNE 27, 2001		TW	TW	CLG	10/9/01	TM	10/9/01		JRL	10/9/01	RLB	102104	11/30/2001	SC	AW	BS	RL	BS	BJ	-	BS	-	WS
0	-	4	-	CERTIFIED FOR CONSTRUCTION - MAY 15, 2001		TW	TW	CLG	6/28/01	TM	6/28/01		JRL	6/28/01	UPD	101974	6/27/2001	SC	AW	BS	RL	BS	BJ	-	BS	-	WS
REV	DATE	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
1	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01

REV	DATE	DESCRIPTION	UTB	DATE	REVISION APPROVALS
1	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01

Knight Jacobs Joint Venture
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Oak Ridge, TN 37830
865-241-9433
for 865-241-3400

UT-Battelle, LLC, a Oak Ridge, Tennessee

108030000-A8E-8000-A001

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1455 Shallowford
Oak Ridge, TN 37830

Oak Ridge National Laboratory
managed for the DEPARTMENT OF ENERGY under
U.S. GOVERNMENT CONTRACT DE-AC05-00OR22725
UT-BATTLE, LLC, a Oak Ridge, Tennessee

PROJECT NAME:
SPALLATION NEUTRON SOURCE
**ARCHITECTURAL SYMBOLS,
ABBREVIATIONS & GENERAL NOTES**

1	48	49	50	PLANT	8	BLDG	FL	SH	OF	TYPE	CLASS
3	A	X	X	X	X	8000	1	1	G	U	
51	NC	NA	53	WBS	1.8.3	A0.00.01	6				

AutoCAD

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